BRUHATH BANGALORE MAHANAGARA PALIKE

Modified Estimate of Improvement and Maintenance of S.W.M in JP Park in Ward No.17

MODIFIED ESTIMATE

	Description	No	Dimensions L	B	D	Qty	Rate	Unit	Amount
	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means: A. Lime Concrete, cement concrete grade M-10 and below. MORTH Specification No. 202 -do- C. Prestressed / Reinforced cement concrete grade M-20 above (P.139, It.No.18.19)							Cum	
		Not Operated				0.00			0.00
2	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P. 13, It.No.4.6)							Cum	
	For Flaging Coures	4	205.00	0.20	0.10	16.40			
	For Dameged Vent Portion	2	205.00	0.45	0.12	22.14			
					Total Work Done Qty	38.54			
					As per BOQ	11.18			
					Upto 125%	13.98	5459.00		76290.00
					Above 125%	24.57	5456.51		134039.00
	Basic Rate	5422.00							
	Area Weightage 6%	325.32							
	Total	5747.32							
	Tender Premium -5.06%	-290.81							
	Grand Total	5456.51							
3	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) including cost of materials, labour, HOM complete as per specifications. (P. 266, It.No.37.2)							M	
		Not Operated				0.00			0.00
4	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications. (P. 266, It.No.37.4)							M	
		Not Operated				0.00			0.00
5	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications. (P. 266, It.No.37.3)							Sqm	
		Not Operated				0.00			0.00
6	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 (P. 136, It.No.17.1)							Sqm	

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No	Description	No	Dimensions L	B	D	Qty	Rate	Unit	Amount
	Qty Vide at Item No. E-2								
		Total Work Done Qty				275.00			
		As per BOQ				275.00			
		Upto 125%				11.18			
		Above 125%				13.98	90.00		1258.00
	Basic Rate	95.40				261.03	96.01		25060.00
	Area Weightage 6%	5.72							
	Total	101.12							
	Tender Premium -5.06%	-5.12							
	Grand Total	96.01							
	EIRL								
E-1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3) (P. 27, It.No.5.33							Sqm	
	Dedect 40% of Broken And Missing Slab	2	205.00	0.90		369.00			
						147.60			
					Total	221.40	105.67		23395.00
E-2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P. 143, It.No.19.1)							Cum	
		2	205.00	0.60	0.60	246.00			
					Total	246.00	130.83		32184.00
E-3	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size 400x200x200mm (P. 27, It.No.5.26.1)							Sqm	
		4	205.00		0.40	328.00			
					Total	328.00	968.12		317544.00
E-4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. - do - 10 cms thick (P. 27, It.No.5.31.2)							Sqm	
	For Missing Slab Qty					147.60			
					Total	147.60	917.80		135468.00
E-5	KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. Wide as per specifications. (only chamfered length shall be recorded) KBS 5.1.13 (P. 26, It.No.5.22)							Rmt	
	Total Length 2*205=410/0.60=684*3=2050					2050.00			
					Total	2050.00	58.37		119657.00
E-6	KSRB 5-8.1 : Providing one line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13 (P. 26, It.No.5.17)							Sqm	
		2	205.00	0.90		369.00			
					Total	369.00	902.71		333099.00
	Grand Total								1197994.00

Certificate:-

1. The work spot has been inspected and the work is found to be necessary
2. The estimate is prepare as per the BOQ Rates and KPWD Bangalore Circle SR 20118-19-5.06% Tender Premium
3. The provision made in estimate are adequate and essential.
4. This area comes under the BBMP limits

Asst Engineer
Ward-17

Asst Executive Engineer
Yeshwanthapura Sub Division

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